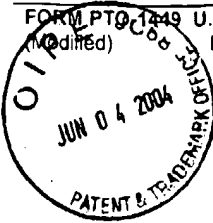


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SHEET 1 of 1

Form PTO - 1449 (Modified)

	FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	
	ATTY. DOCKET NO.	SERIAL NO.
	6763.US.P1	10/054,534
	APPLICANT	
P. Mukerji, et al.		
FILING DATE		GROUP
January 22, 2002		1622 / 1636

(37 CFR 1.98 (b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
DS	A1	5,972,664 A	10/26/1999	Knutzon, et al.	435	136	

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		DOCUMENT NUMBER	PUBLIC- ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION YES NO
DS	B1	WO 93/06712 A	04/15/93	PCT			
	B2	WO 00/20603 A	04/13/00	PCT			
	B3	WO 02/26946	04/04/02	PCT			
	B4	WO 99/61602 A	12/02/99	PCT			
	B5	1035207 A	09/13/00	EPO			
	B6	WO 00/0075341	12/14/00	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

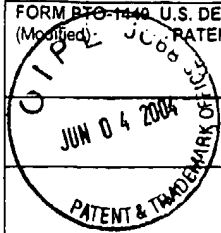
DS	C1	Qiu, Xiao, et al., "Identification of a DELTA4 Fatty Acid Desaturase from <i>Thraustochytrium</i> sp. Involved in the Biosynthesis of Docosahexanoic Acid by Heterologous Expression in <i>Saccharomyces Cerevisia</i> and <i>Brassica Juncea</i> ," <i>Journal of Biological Chemistry</i> , Vol. 276, No. 34, (08/24/01) pages 31561-31566
	C2	Saito, Tamao and Ochia, Hiroshi, "Identification of DELTA5-Fatty Acid Desaturase from the Cellular Slime Mold <i>Dictyostelium Discoideum</i> ," <i>Eur. J. Biochem.</i> , Vol. 265, (1999), pages 809-814
	C3	Leonard, Amanda E., et al., "cDNA Cloning and Characterization of Human DELTA5-Desaturase Involved in the Biosynthesis of Arachidonic Acid," <i>Biochem J.</i> , Vol. 347, (2000), pages 719-724
	C4	Cho, Hyekyung P., et al., "Cloning, Expression, and Fatty Acid Regulations of the Human DELTA-5 Desaturase," <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 52, (12/24/99) pages 37335-37339
	C5	Sakuradani, Eiji, et al., "DELTA6-Fatty Acid Desaturase from and Arachidonic Acid-Producing <i>Mortierella Fungus</i> Gene Cloning and its Heterologous Expression in a Fungus, <i>Aspergillus</i> ," <i>GENE: An International Journal on Genes and Genomes</i> , Vol. 238, No. 2, (1999), pages 445-453
	C6	Huang, Yung-Sheng, et al., "Cloning of DELTA12- and DELTA6-Desaturases from <i>Mortierella Alpina</i> and Recombinant Production of GAMMA-Linolenic Acid in <i>Saccharomyces Cerevisiae</i> ," <i>Lipids</i> , Vol. 34, No. 7, (07/99), pages 649-659
	C7	Alonso, D. Lopez, et al., "Plants as 'Chemical Factories' for the Production of Polyunsaturated Fatty Acids," <i>Biotechnology Advances</i> , Vol. 18, (2000), pages 481-497
EXAMINER		DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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SHEET 1 of 2

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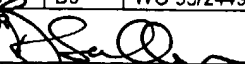
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		FILING DATE January 22, 2002	GROUP 1882 / L36

(37 CFR 1.98 (b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
DS	A1	5,447,974	08/22/1995	Hitz, et al. Peng	523	415	
	A2	5,552,306	09/03/1996	Thomas, et al.	435	134	
	A3	5,912,120	06/15/1999	Goldstein, et al.	435	6	
	A4	5,107,065	04/21/1992	Shewmaker, et al.	800	29	
	A5	5,231,020	07/27/1993	Jorgensen, et al.	800	281	
	A6	4,945,050	07/31/1990	Sanford, et al.	435	459	
	A7	4,683,202	07/28/1987	Mullis	435	912	
	A8	4,582,788	04/15/1986	Erllich	435	6	
	A9	4,683,194	07/28/1987	Saiki, et al.	435	6	
	A10	5,750,176	05/12/1998	Prieto, et al.	426	580	
	A11	5,700,671	12/23/1997	Prieto, et al.	800	25	
	A12	5,463,174	10/31/1995	Moloney, et al.	800	294	
	A13	4,943,674	07/24/1990	Houck, et al.	800	287	
	A14	5,106,739	04/21/1992	Comai, et al.	800	294	
	A15	5,175,095	12/29/1992	Martineau, et al.	435	641	
	A16	5,420,034	05/30/1995	Kridl, et al.	435	419	
	A17	5,188,958	02/23/1993	Moloney, et al.	800	300	
	A18	5,589,379	12/31/1996	Kridl, et al.	435	419	
	A19	5,004,863	04/02/1991	Umbeck	800	314	
	A20	5,159,135	10/27/1992	Umbeck	800	314	
	A21	5,518,908	05/21/1996	Corbin, et al.	800	279	
	A22	5,569,834	10/29/1996	Hinchee, et al.	800	312	
	A23	5,416,011	05/16/1995	Hinchee, et al.	800	294	
	A24	5,631,152	05/20/1997	Fry, et al.	800	269	
	A25	4,826,877	05/02/1989	Stewart, et al.	514	560	
	A26	4,666,701	05/19/1987	Horrobin, et al.	514	558	
	A27	4,758,592	07/19/1988	Horrobin, et al.	514	549	
	A28	5,116,871	05/26/1992	Horrobin, et al.	514	560	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLIC-ATION	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION	
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DS	B1	WO 93/11245	06/10/1993	PCT				
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	B3	WO 96/13591	05/09/1996	PCT				
	B4	50424	09/18/1985	EPO				
	B5	584796	05/12/1990	EPO				
	B6	258017	04/16/1997	EPO				
	B7	237362	10/21/1998	EPO				
	B8	201184	12/16/1992	EPO				
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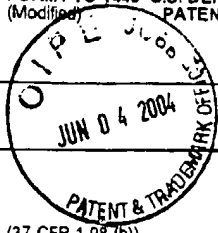
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SHEET 2 of 3

Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE 	ATTY. DOCKET NO. 6763.US.P1 APPLICANT P. Mukerji, et al.	SERIAL NO. 10/054,534
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	FILING DATE January 22, 2002	GROUP 1632 1636

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	C3	Okumuro & Goldberg, Biochemistry of Plants, Regulation of Plant Gene Expression: General Principles, 15:1-82 (1989)
	C4	Turner & Foster, Molecular Biotechnology, The Potential Exploitation of Plant Viral Translational Enhancers in Biotechnology for Increased Gene Expression, 3:225 (1995)
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	C7	Ishida Y., et al., Nature Biotech, High Efficiency Transformation of Maize (Zea mays L.) Mediated by Agrobacterium Tumefaciens, 14:745-750 (1996)
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	C9	Jones, et al., EMBO J., High Level Expression of Introduced Chimaeric Genes in Regenerated Transformed Plants, 4:2411-2418 (1985)
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	C12	McCabe et al., BioTechnology, Stable Transformation of Soybean (Glycine Max) by Particle Acceleration, 6: 923 (1988)
	C13	Christou, et al., Plant Physiol, Stable Transformation of Soybean Callus by DNA-Coated Gold Particles, 87:671-674 (1988)
	C14	McKently et al., Plant Cell Rep, Agrobacterium-Mediated Transformation of Peanut (Arachis Hypogaea L.) Embryo Axes and the Development of Transgenic Plants, 14:699-703 (1995)
	C15	Grant, et al., Plant Cell Rep, Transformation of Peas (Pisum Sativum L.) Using Immature Cotyledons, 15:254-258 (1995)
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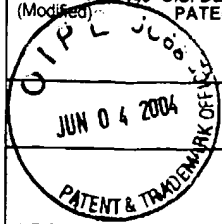


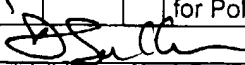
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SHEET 3 of 3

Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 6763.US.P1	SERIAL NO. 10/054,534
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		FILING DATE January 22, 2002	GROUP 1632 / 636

<input checked="" type="checkbox"/>	C26	Abnedina, et al., Aust. J. Plant Physiol., An Efficient Transformation System for the Australian Rice Cultivar, Jarrah, 24:133-141 (1997)
<input type="checkbox"/>	C27	Zhang & Wu, Theor. Appl. Genet, Efficient Regeneration of Transgenic Plants from Rice Protoplasts and Correctly Regulated Expression of the Foreign Gene in the Plants, 76:835 (1988)
<input type="checkbox"/>	C28	Baltraw & Hall, Plant Sci., Expression of a Chimeric Neomycin Phosphotransferase II Gene in First and Second Generation Transgenic Rice Plants, 86:191-202 (1992)
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<input type="checkbox"/>	C30	De La Pena, et al., Nature, Transgenic Rye Plants Obtained by Injecting DNA Into Young Floral Tillers, 325:274 (1987)
<input type="checkbox"/>	C31	Bower & Birch, Plant J., Transgenic Sugarcane Plants Via Microprojectile Bombardment, 2:409 (1992)
<input type="checkbox"/>	C32	Wang, et al. Biol Technology, Transgenic Plants of Tall Fescue (Festuca Acrundinacea Schreb.) Obtained by Direct Gene Transfer to Protoplasts, 10:691 (1992)
<input type="checkbox"/>	C33	Vasil, et al. Biol Technology, Herbicide Resistant Fertile Transgenic Wheat Plants Obtained by Microprojectile Bombardment of Regenerable Embryogenic Callus, 10:667 (1992)
<input type="checkbox"/>	C34	Marcotte, et al., Nature, Regulation of a Wheat Promoter by Absciscic Acid in Rice Protoplasts, 335:454-457 (1988)
<input type="checkbox"/>	C35	McCarty, et al., Plant Cell, Molecular Analysis of Viviparous-1: An Absciscic Acid-Sensitive Mutant of Maize, 1:523-532 (1989)
<input type="checkbox"/>	C36	McCarty, et al., Cell, The Viviparous-1 Developmental Gene of Maize Encodes a Novel Transcriptional Activator, 66:895-905 (1991)
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<input type="checkbox"/>	C38	Goff, et al., EMBO J., Transactivation of Anthocyanin Biosynthetic Genes Following Transfer of B Regulatory Genes into Maize Tissues, 9:2517-2522 (1990)
<input type="checkbox"/>	C39	Horrobin, et al., Am. J. Clin. Nutr., Fatty Acid Metabolism in Health and Disease: The Role of Δ -6-Desaturase, 57:7325-7345
<input type="checkbox"/>	C40	Brenner, et al., Adv. Exp. Med. Biol., Function and Biosynthesis of Lipids, 83:85-101 (1976)
<input type="checkbox"/>	C41	Hoge, et al., Exp. Mycology, Absence of Differneces in Polysomal RNAs From Vegetative Monokaryotic and Dikaryotic Cells of the Fungus Schizophyllum Commune, 6:225-232 (1982)
<input checked="" type="checkbox"/>	C42	Okuley, et al., The Plant Cell, Arabiodopsis FAD2 Gene Encodes the Enzyme That is Essential for Polyunsaturated Lipid Synthesis, 6:147-158 (1994)
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